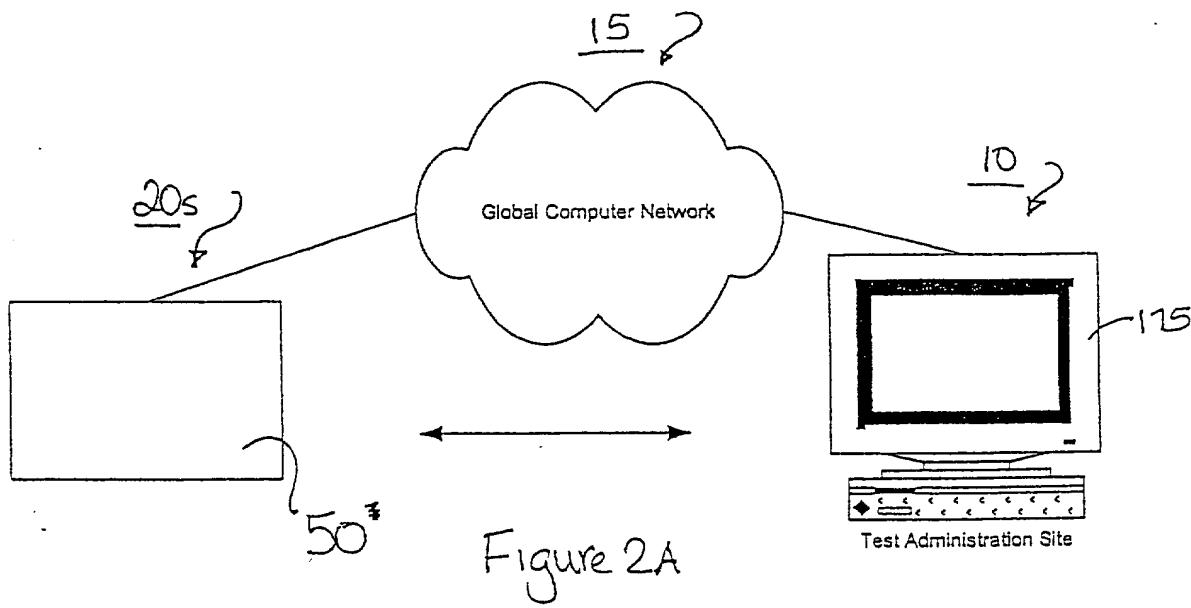
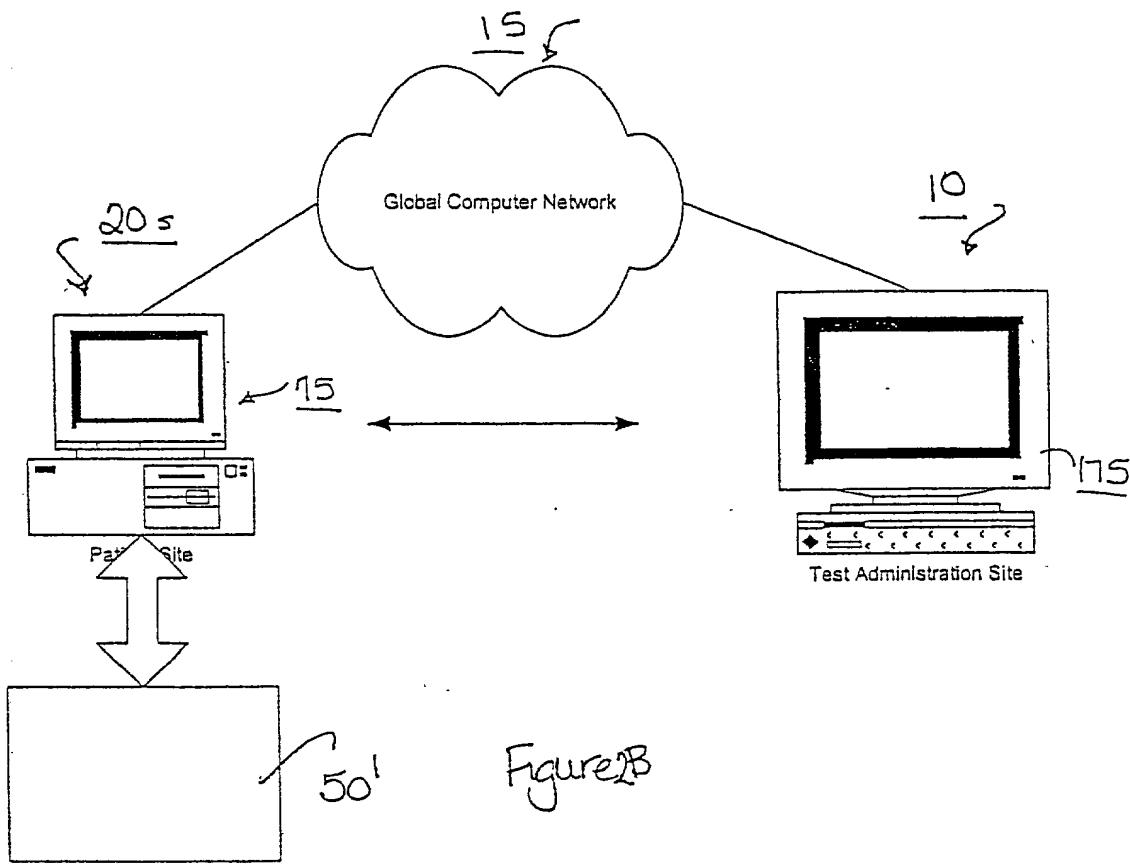


Figure 1



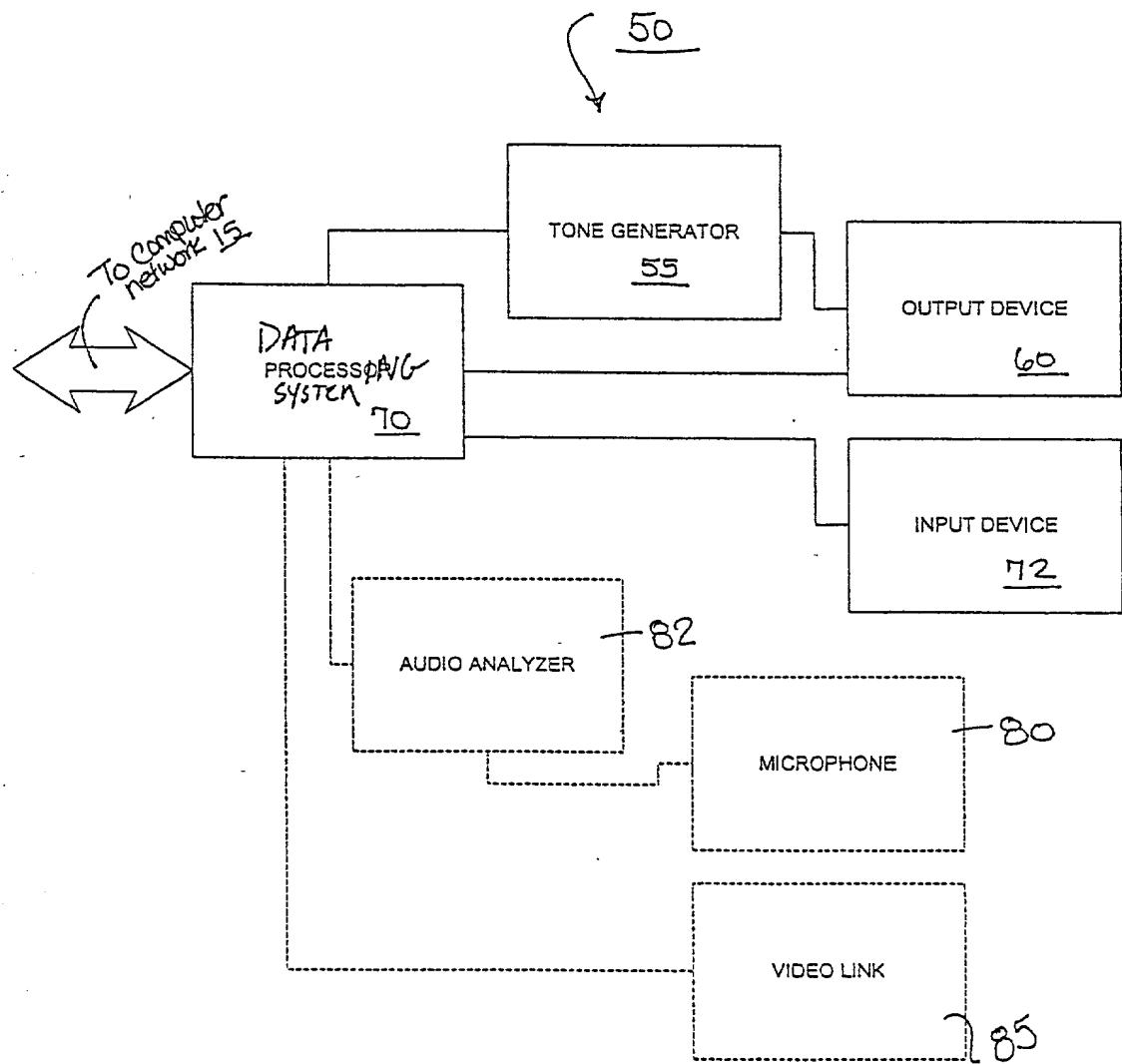


FIGURE 3

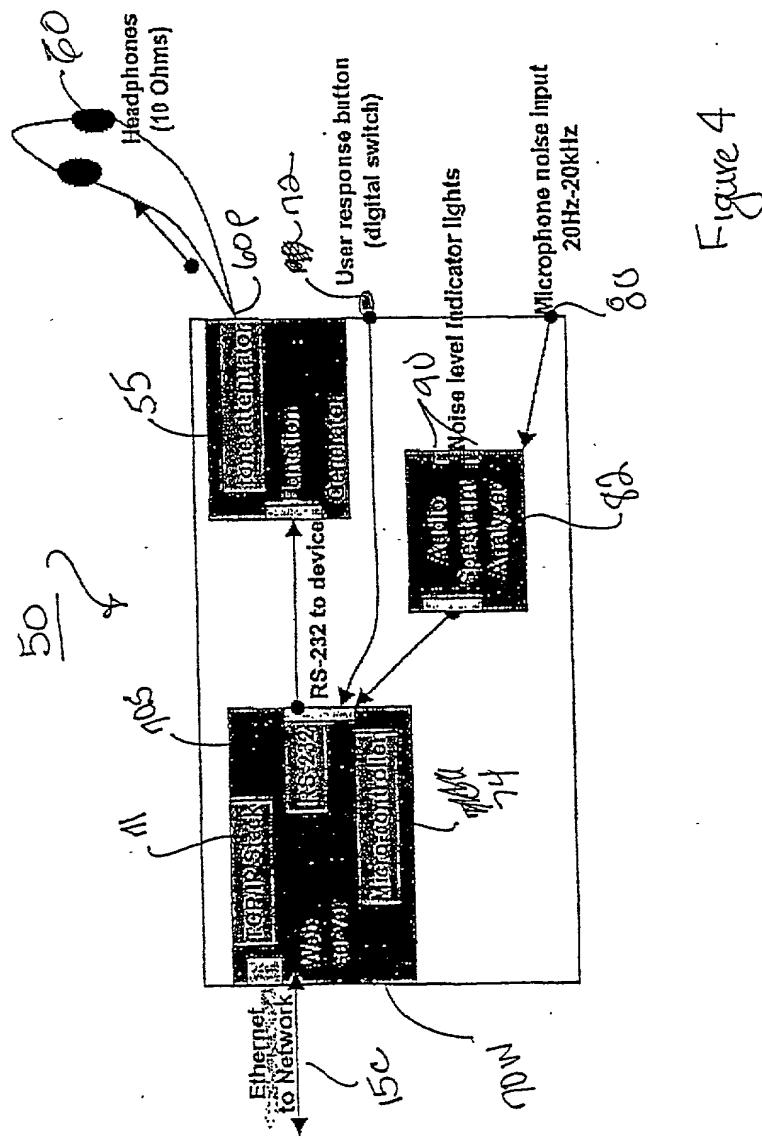
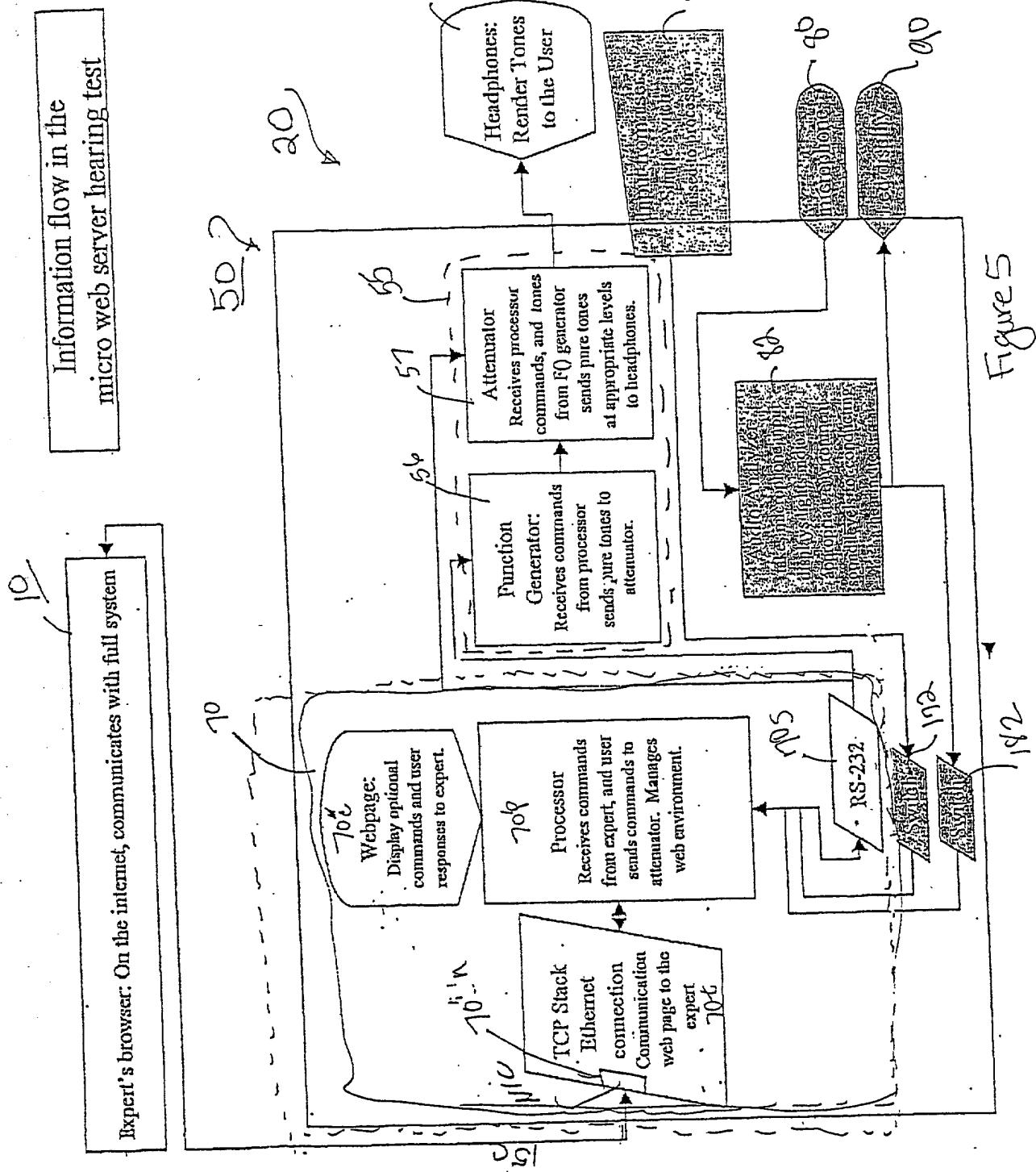


Figure 4

Figure 5



Information flow in the  
micro web server hearing test

Expert's browser: On the internet, communicates with full system

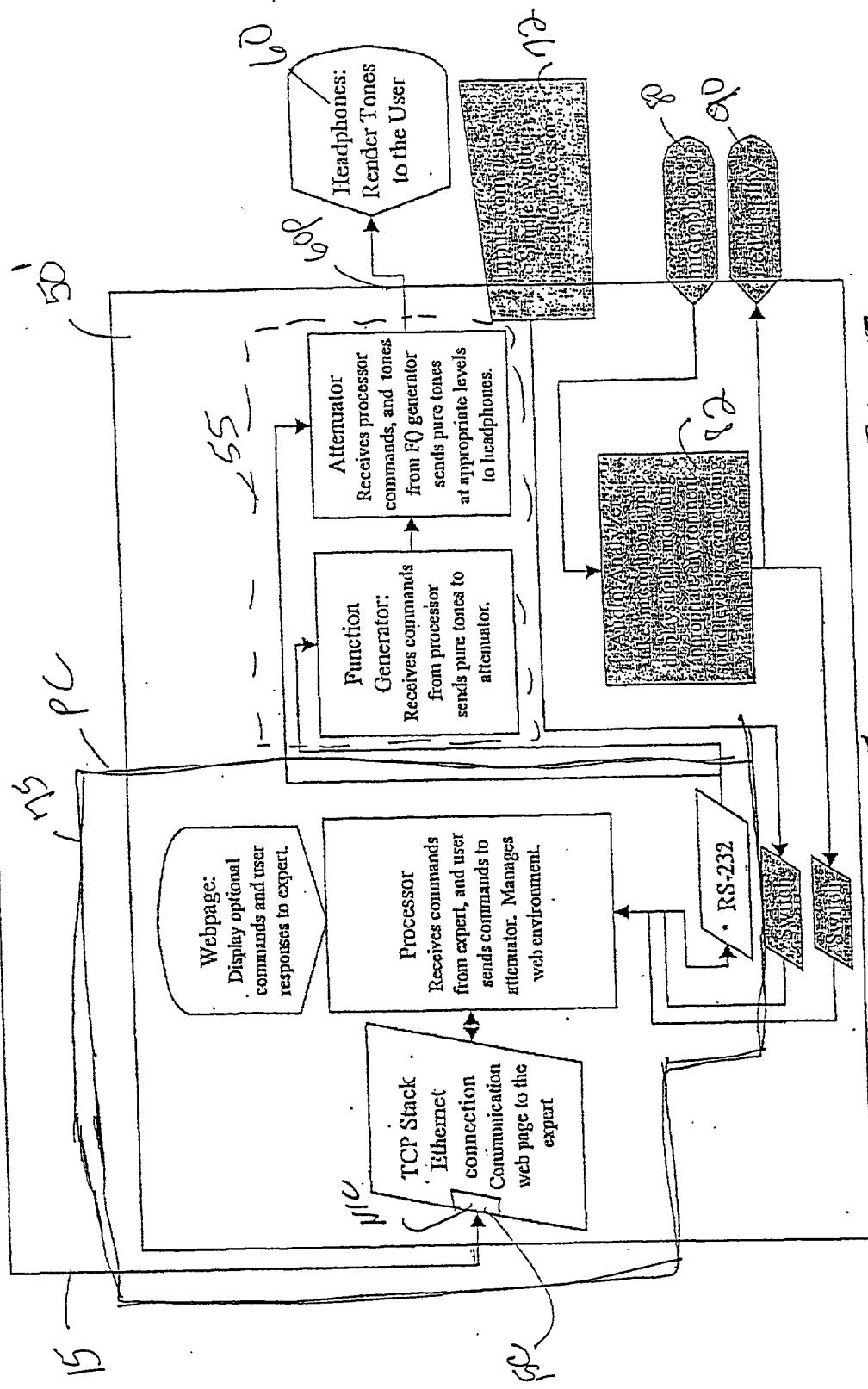


Figure 6

# Hearing Test

145

Select Frequency (Hz)	<input checked="" type="checkbox"/> power on	110
125	<input type="checkbox"/> tone on	120
250	<input type="checkbox"/> tone off	130
500		
1000		
2000		
4000		
6000		
8000		

140

Left Intensity	Right Intensity
Spl 53	Spl 53
Spl 50	Spl 50
Spl 47	Spl 47
Spl 44	Spl 44
Spl 41	Spl 41
Spl 38	Spl 38
Spl 35	Spl 35
Spl 32	Spl 32
Spl 29	Spl 29
Spl 26	Spl 26
Spl 23	Spl 23
Spl 20	Spl 20
Spl 17	Spl 17
Spl 14	Spl 14
Spl 11	Spl 11
Spl 8	Spl 8
Spl 5	Spl 5
Spl 2	Spl 2
Spl -1	Spl -1
Off	Off

141

100

150

Sound Pressure level correction for each Frequency.  
 $125 \text{ Hz} \quad \text{Decibels} = \text{SPL} - 47.5$

$250 \text{ Hz} \quad \text{Decibels} = \text{SPL} - 26.5$

$500 \text{ Hz} \quad \text{Decibels} = \text{SPL} - 13.5$

$1000 \text{ Hz} \quad \text{Decibels} = \text{SPL} - 7.5$

$2000 \text{ Hz} \quad \text{Decibels} = \text{SPL} - 11.0$

$4000 \text{ Hz} \quad \text{Decibels} = \text{SPL} - 10.5$

$6000 \text{ Hz} \quad \text{Decibels} = \text{SPL} - 13.5$

$8000 \text{ Hz} \quad \text{Decibels} = \text{SPL} - 13.0$

Figure 7

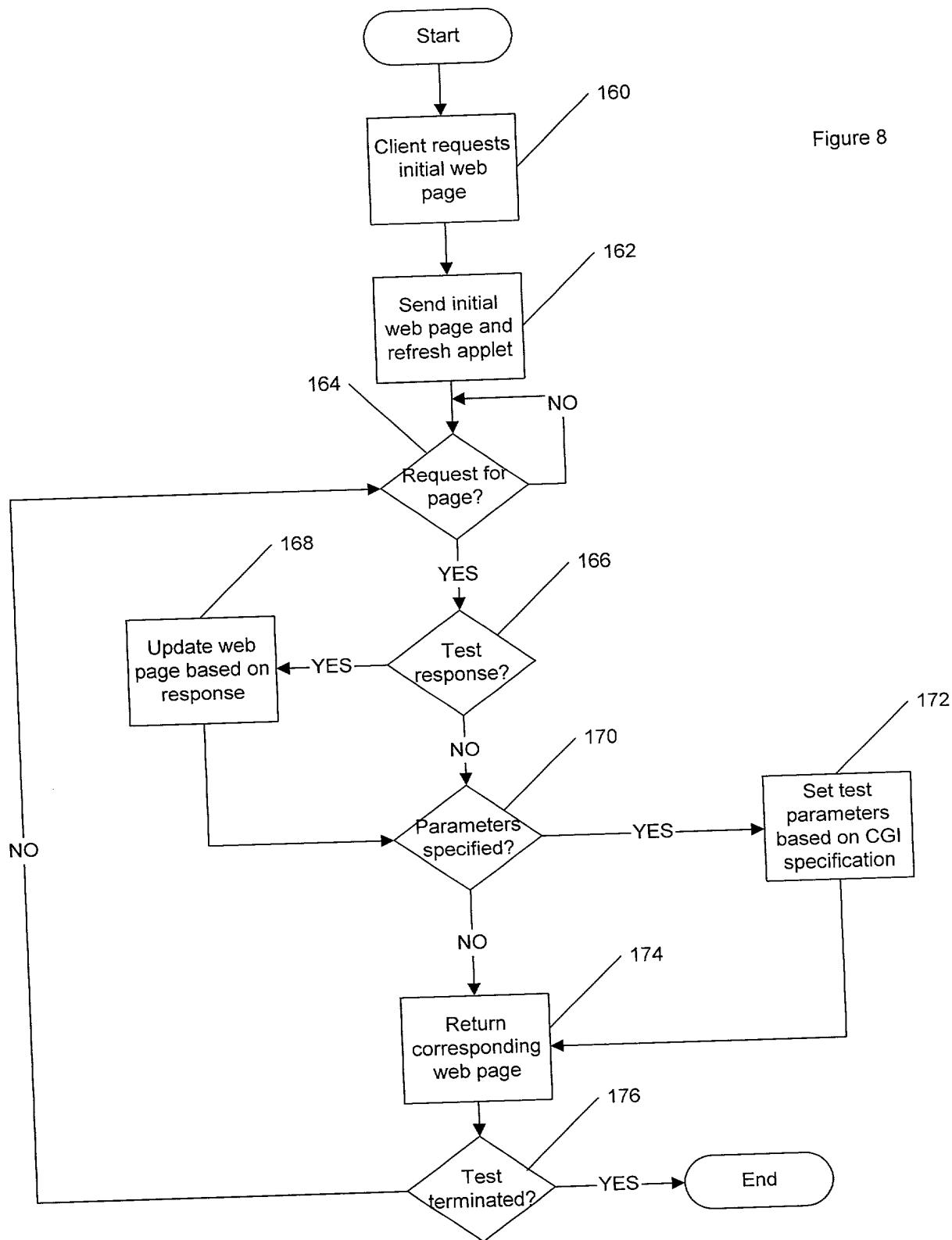


Figure 8

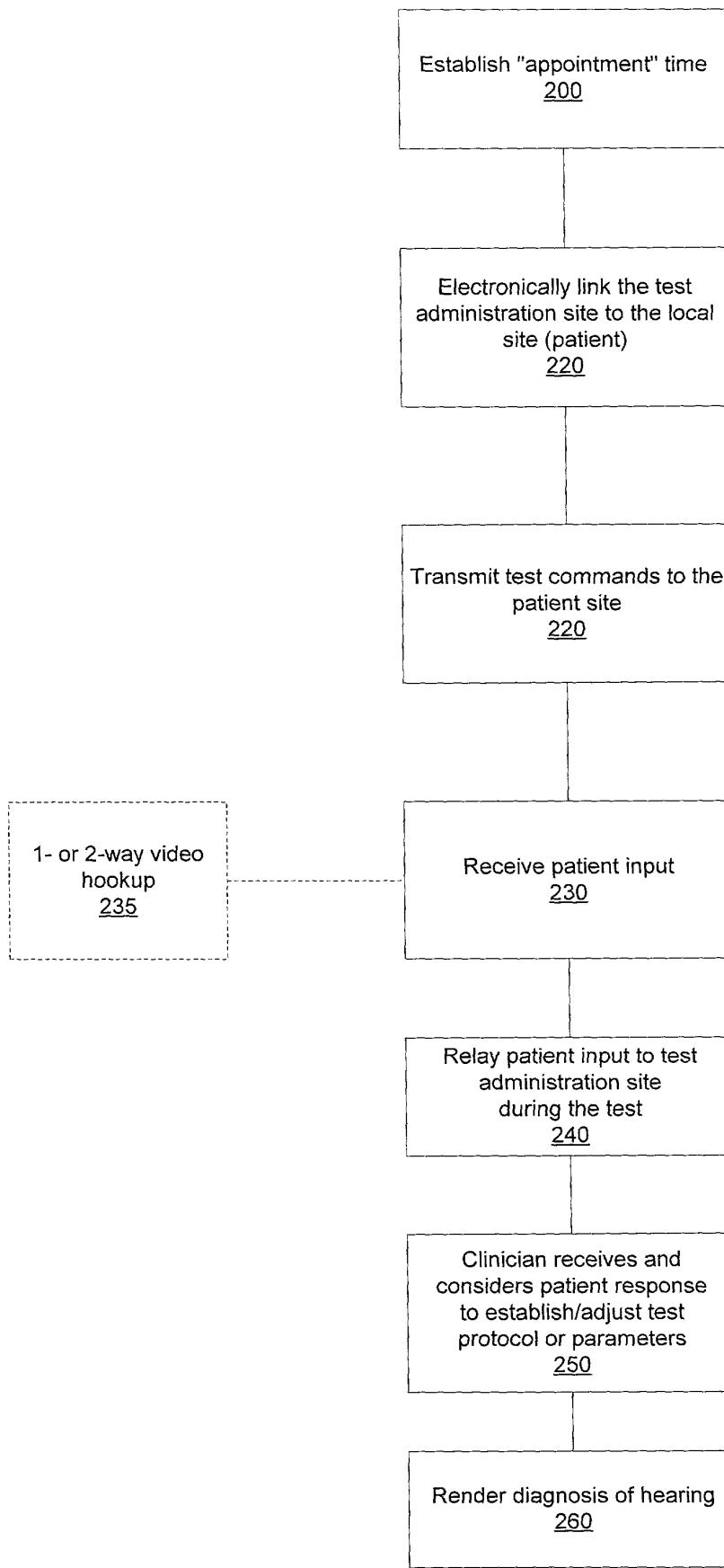
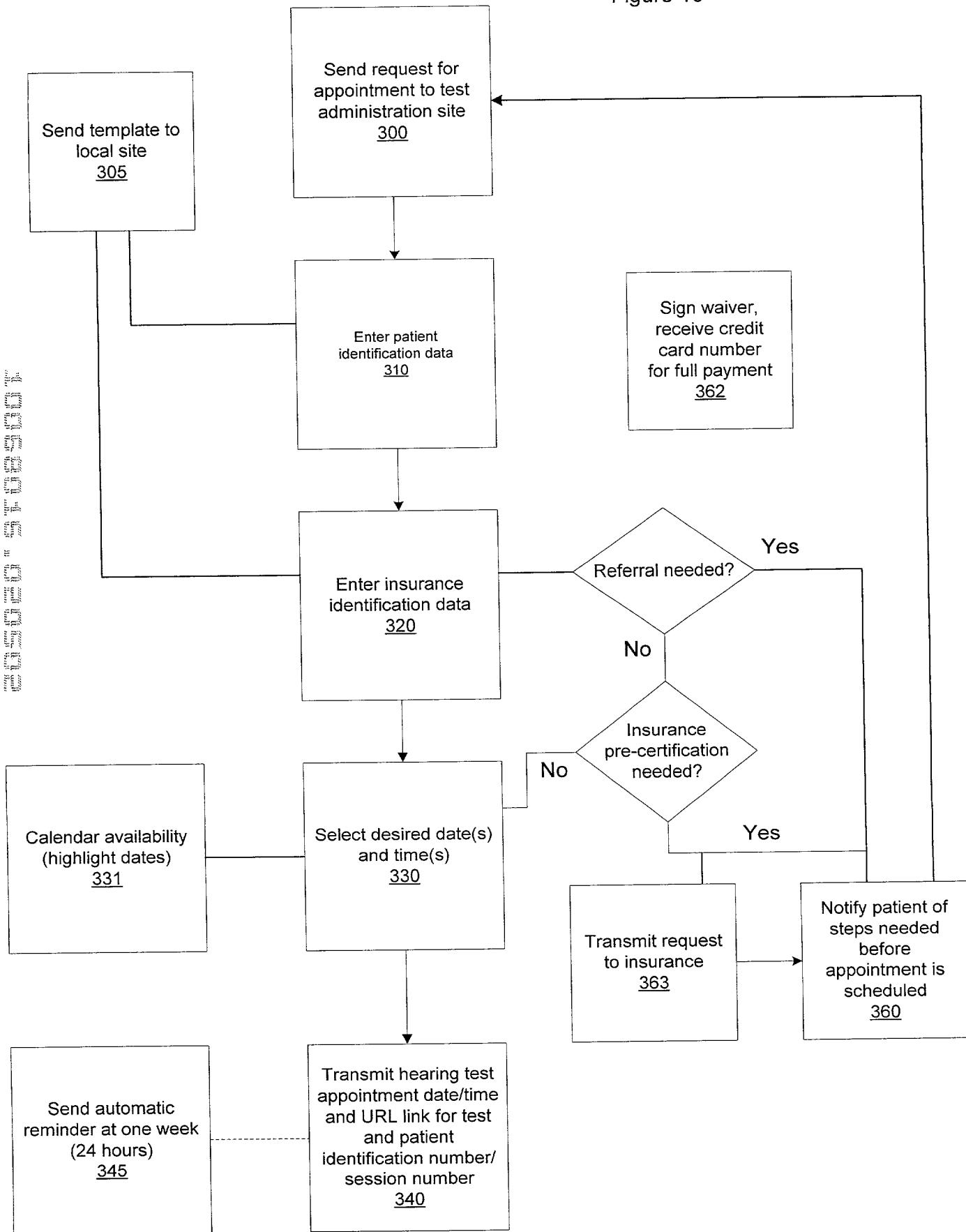
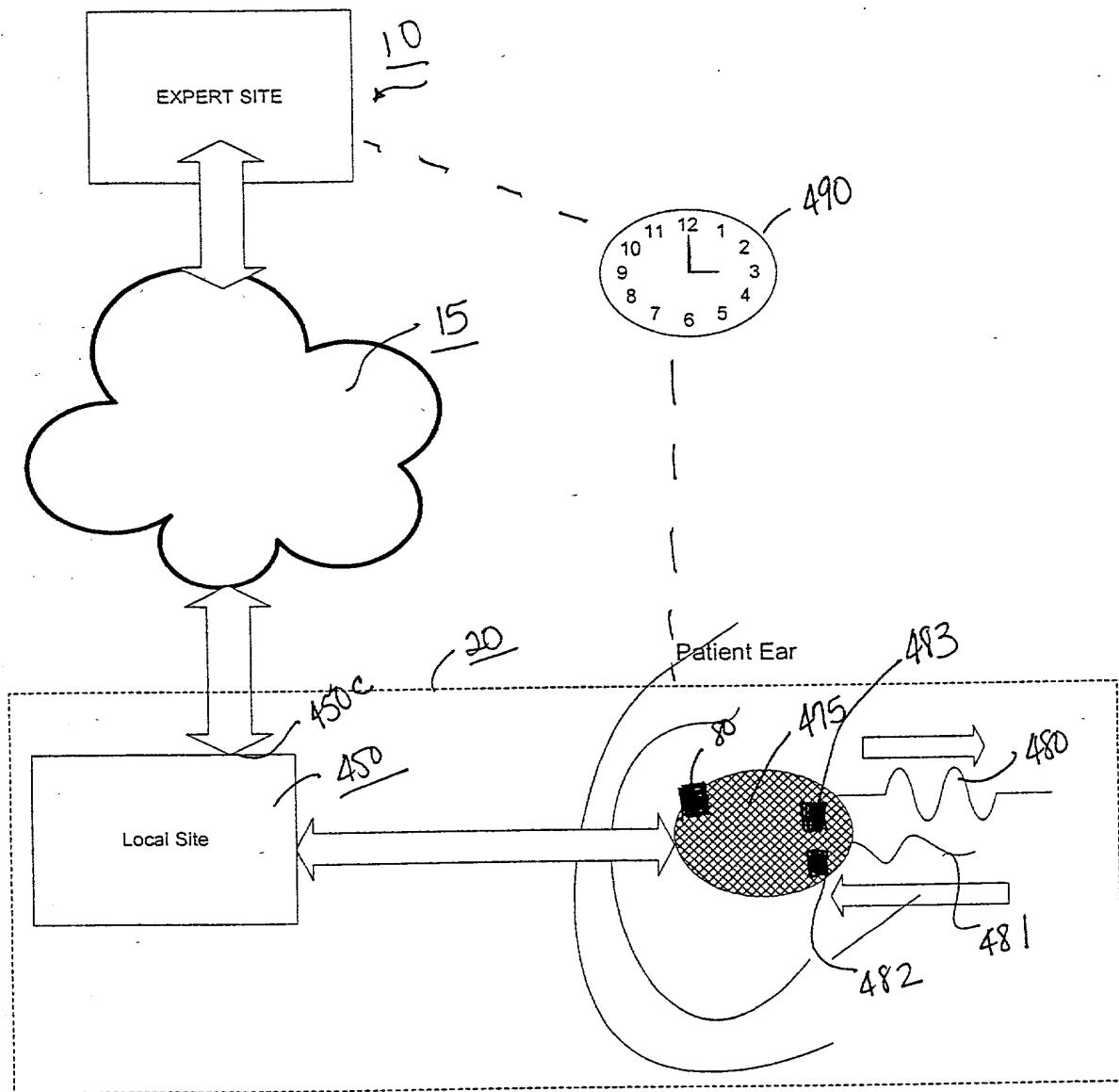


Figure 9

Figure 10





FIGURE

11

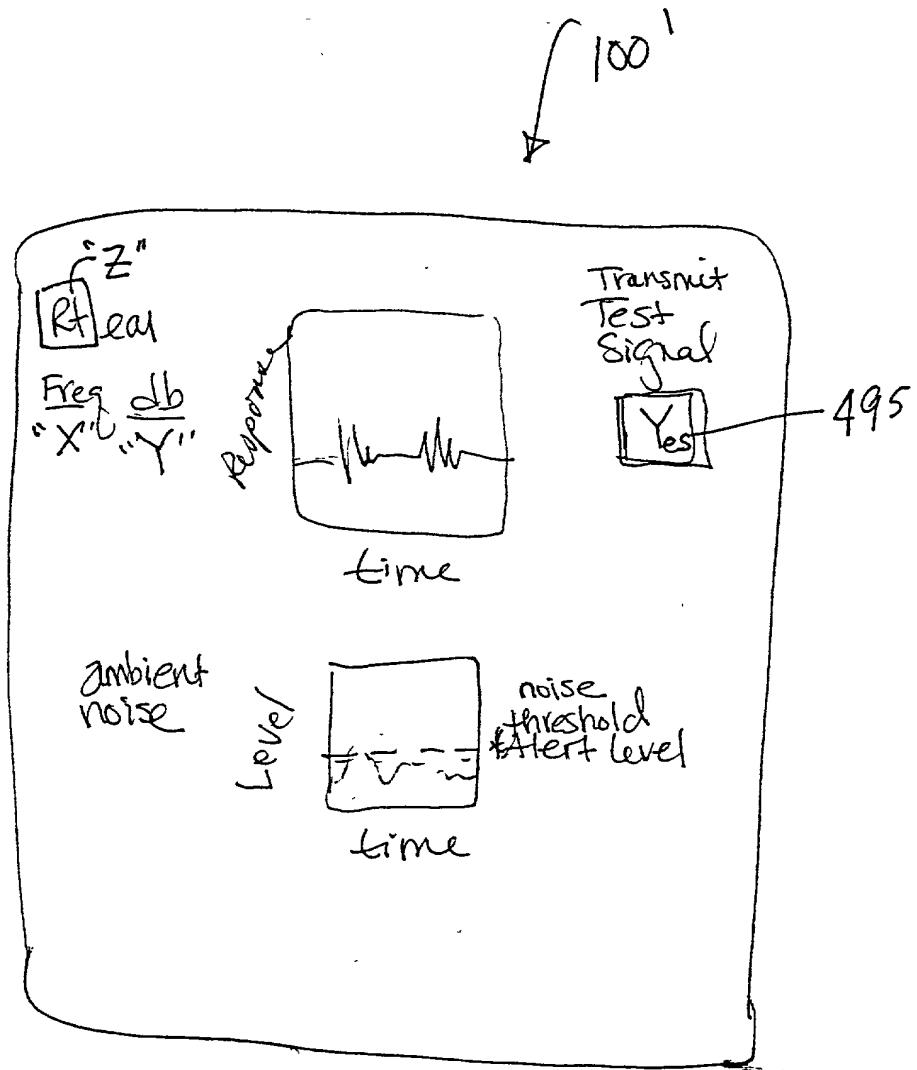


Figure 12

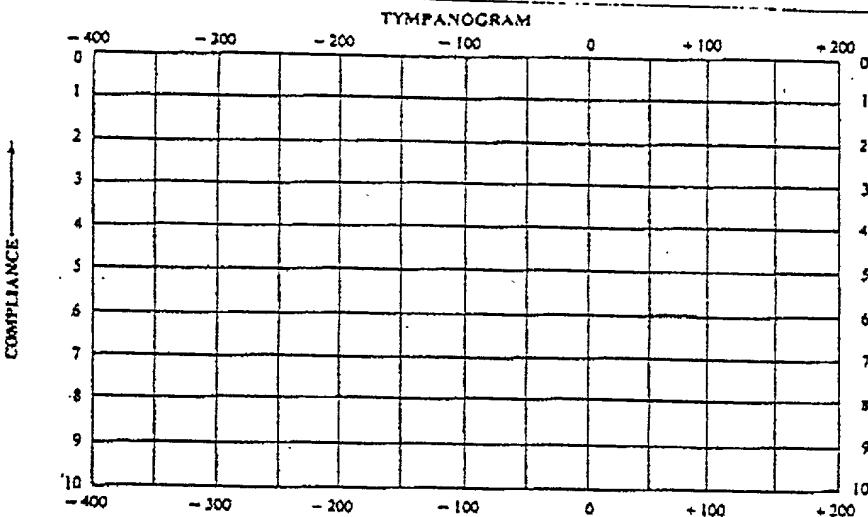
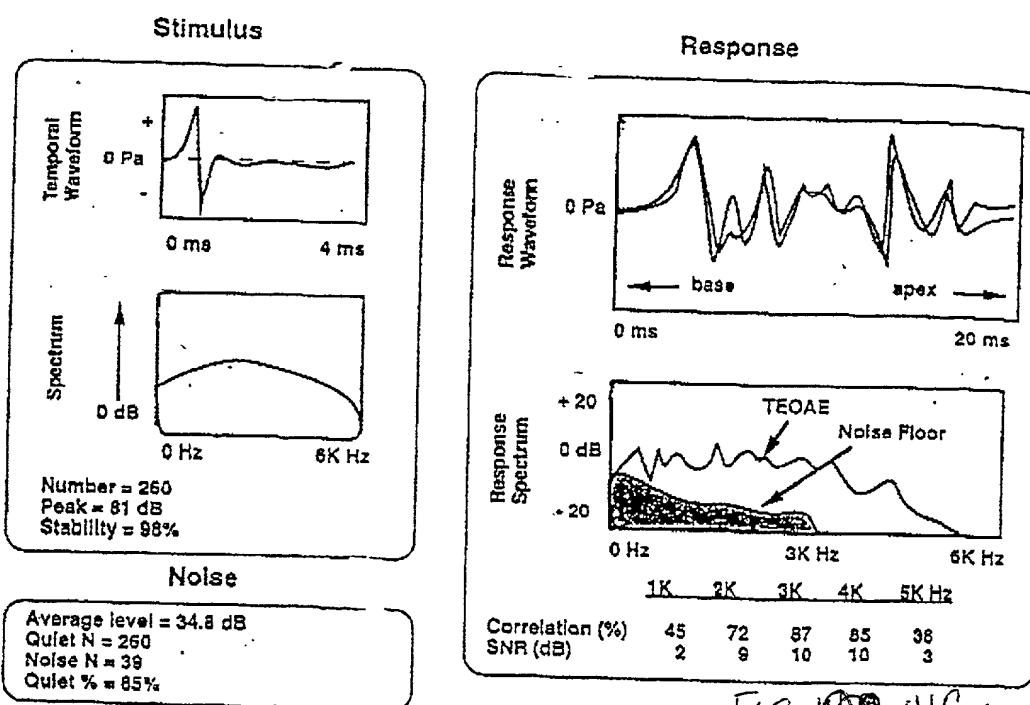


Figure 13A



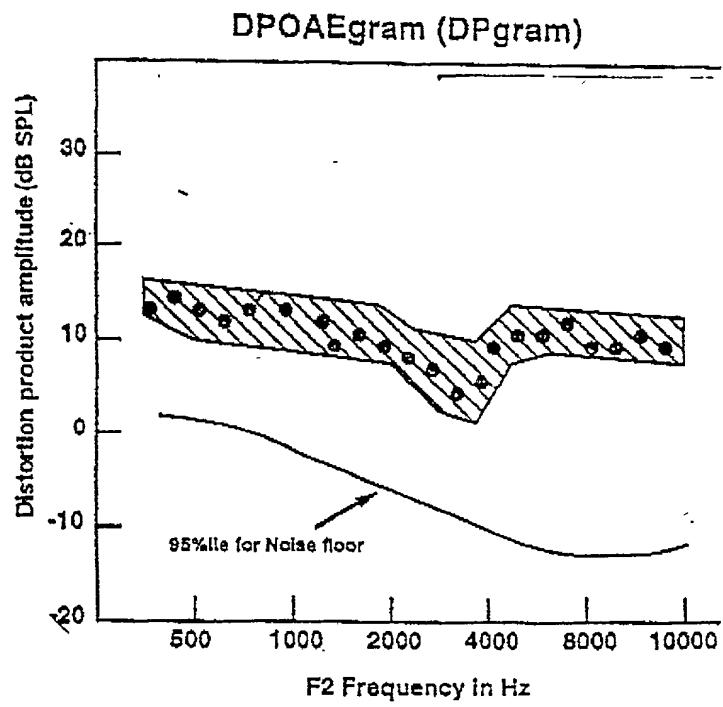


Figure 15

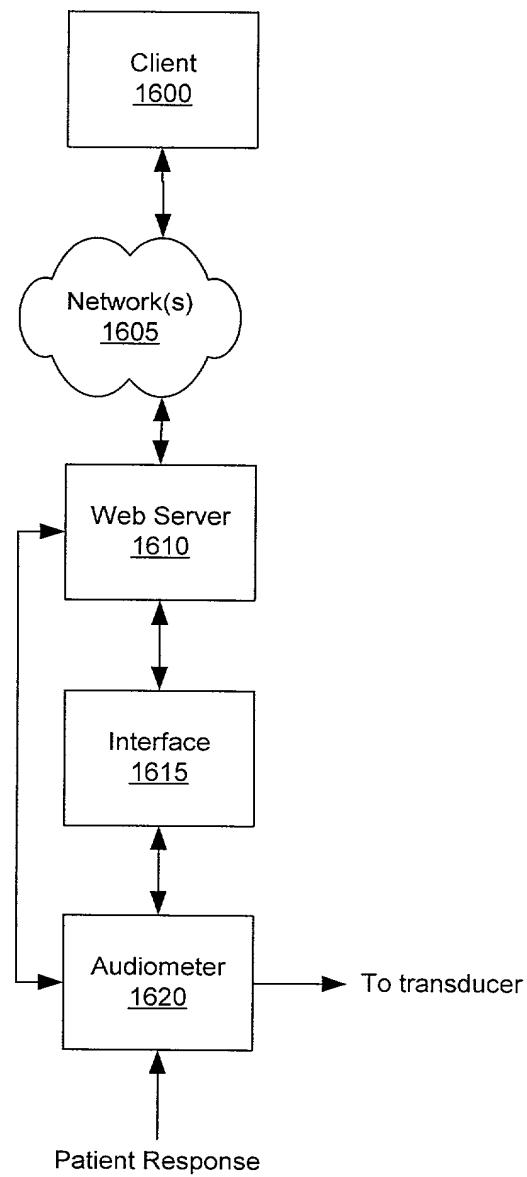


Figure 16

Figure 17

1700  
1705  
1710  
1715  
1720  
1725  
1730  
1735  
1740  
1745

